1	Number	Time stamp	S Search Text DB	
192   501/19   USPAT; US-PGPUB   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB   U				15:40
3		; 2003/11/23 15:4	9 501/11 USPAT;	15:40
192   501/42   US-PGPUB   US-PG		; 2003/11/23 15:4	9 501/19 USPAT;	15:40
5		; 2003/11/23 15:4	2 501/42 USPAT;	15:40
Solid   Soli		; 2003/11/23 15:4	0 501/11 and 501/19 and 501/42 USPAT;	15:40
8   germanium and selenium and chalcogenide and silver and phase adj transition   USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB   USPAT; U		; 2003/11/23 15:5	3 501/19 and 501/42 USPAT;	15:57
BM TDB USPAT; 2 US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; 2 US-P		; 2003/11/23 16:4 PUB;	germanium and selenium and chalcogenide USPAT; and silver and phase adj transition US-PGPUB;	16:42
- 0 ("chalcogenide adj glass.clm. and chalcogenide.ti.").PN.  - 24 chalcogenide adj glass.clm. and chalcogenide.ti.  - 24 chalcogenide adj glass.clm. and chalcogenide.ti.  - 3 pcram.ti.  - 3 pcram.ti.  - 0 pcram.ti,ab,clm. and processor.clm.  - 1285 ram near3 processor.ti,ab.  - 209 ram near3 processor.ti.  - 36 chalcogenide near4 use    IBM TDB USPAT;		DB; ; 2003/11/23 16:4 PUB; JPO;	JP-03044703\$-\$.DID.  IBM_TDB USPAT; US-PGPUB; EPO; JPO;	16:42
- 24 chalcogenide adj glass.clm. and USFAT; 2 US-PGPUB; EPO; JPO; DERWENT; IBM TDB USFAT; 2 US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USFAT; 2 US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USFAT; 1	:	DB; ; 2003/11/23 15:3 PUB; JPO;	("chalcogenide adj glass.clm. and chalcogenide.ti.").PN.    IBM_TDB USPAT; USPAT; US-PGPUB; EPO; JPO;	15:39
- 3 pcram.ti. IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; EPO;		DB; 2002/09/17 10:0	IBM TDB 4 chalcogenide adj glass.clm. and USPĀT; chalcogenide.ti. US-PGPUB;	10:05
DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT;		DB; 2002/09/17 10:0	IBM_TDB USPAT; US-PGPUB;	10:06
- 1285 ram near3 processor.ti,ab.    IBM_TDB		NT; DB; 2002/09/17 10:0 PUB; JPO;	DERWENT; IBM TDB pcram.ti,ab,clm. and processor.clm. USPAT; US-PGPUB; EPO; JPO;	10:07
DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; IBM_TDB USPAT; IBM_TDB USPAT;		DB; 2002/09/17 10:0	IBM_TDB USPAT; US-PGPUB;	10:07
- 5 ram near3 processor.ti. and processor.clm. IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; Ochalcogenide near4 use		NT; DB; 2002/09/17 10:0 PUB; JPO;	DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO;	10:07
- 36 chalcogenide near4 use IBM_TDB USPAT; 2		DB; 2002/09/17 10:2 PUB;	ram near3 processor.ti. and processor.clm.   IBM_TDB USPAT; US-PGPUB;	10:24
EPO; JPO;		DB; 2002/09/17 10:2 PUB;	Chalcogenide near4 use  IBM_TDB USPAT; US-PGPUB;	10:26
DERWENT; IBM_TDB		NT; DB ; 2002/12/19 14:2 PUB; JPO; NT;	chalcolgenide near6 (dop\$3 or impurit\$3) near6 (metal or silver or ag or copper or cu or platinum or pt or gold or au or cadmium or cd or ruthenium or ru or coablt or co or zinc or zn or chromium or cr or IBM_TDB	14:29

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- 115 (365/153).CCLS. USPAT; USPAT; USPAT; USPAT; USPAT; USPAGDUB; EPO; JPO; DERWENT; IBM TDB USPAT;					
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DERWENT; IBM TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB US-PGPUB US-PGPUB; EPO; JPO; DERWENT; IBM TDB US-PGPUB US-P		2-3			
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			IBM_TDB	
-	2	(percent or percentage) near4 (silver or	USPAT;	2002/12/18 17:48
		ag) and chalcogenide adj glass and memory	US-PGPUB;	
			EPO; JPO; DERWENT;	
			IBM TDB	
_	119	(tie adj line or tie-line) and phase adj	USPAT;	2002/12/19 10:35
		diagram	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	9	/	IBM_TDB USPAT;	2002/12/19 11:07
-	9	(tie adj line or tie-line).ti,ab. and phase adj diagram	US-PGPUB;	2002/12/19 11:07
		phase adj diagram	EPO; JPO;	
	j		DERWENT;	
			IBM TDB	
_	0	("kozicki.in.").PN.	USPAT;	2002/12/19 11:07
			US-PGPUB;	
			EPO; JPO; DERWENT;	
			IBM TDB	
_	39	kozicki.in.	USPAT;	2002/12/19 11:12
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	_	(/NETC1115N) (NEOOC210N) (NEO14002N)	IBM_TDB USPAT;	2002/12/19 11:15
-	5	(("5761115") or ("5896312") or ("5914893") or ("6084796")).PN.	US-PGPUB;	2002/12/19 11:13
		OI ( 0004/90 )).FN:	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	1	("6469364").PN.	USPAT;	2002/12/19 11:15
			US-PGPUB;	
			EPO; JPO; DERWENT;	
			IBM TDB	
_	18	(US-6084796-\$ or US-6487106-\$ or	USPĀT;	2002/12/19 11:16
		US-3721838-\$ or US-3810128-\$ or	US-PGPUB;	
		US-3827033-\$ or US-6418049-\$ or	DERWENT	
		US-5479382-\$ or US-6469364-\$ or		1
		US-6388324-\$ or US-5914893-\$ or US-5896312-\$ or US-5761115-\$ or		
		US-5500532-\$ or US-5314772-\$).did. or		
		(US-20020000666-\$ or US-20020190350-\$ or		1
		US-20020168820-\$).did. or		
		(US-5761115-\$).did.		
-	2	("6348365").PN.	USPAT;	2002/12/19 12:02
			US-PGPUB; EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	2	("6418049").PN.	USPAT;	2002/12/19 12:02
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
_	0	switching adj field and chalcogenide adj	IBM_TDB USPAT;	2002/12/19 14:31
·		glass and memory and ("Ag-Ge-Se" or	US-PGPUB;	2502,12,15 14.51
		(silver or ag) near3 (percent or	EPO; JPO;	
ı		percentage))	DERWENT;	
			IBM_TDB	0000/10/10 15 5
-	7	switching adj field and chalcogenide adj	USPAT;	2002/12/19 15:38
		glass and memory	US-PGPUB; EPO; JPO;	
			DERWENT;	
			IBM TDB	
			1	<del>1 </del>

-	4	switching adj speed and chalcogenide adj	USPAT;	2002/12/19 15:41
		glass and memory and (silver or ag)	US-PGPUB; EPO; JPO;	
			DERWENT;	
İ			IBM TDB	
	36	switching and chalcogenide adj glass and	USPAT;	2002/12/19 16:59
	1	memory and (silver or aq)	US-PGPUB;	2002/12/19 10:33
		memory and (briter or ag)	EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	16042	non-volatile adj memory.ti,ab.,clm. and	USPAT;	2002/12/19 17:02
		(germanium adj selenide or "ge.sub.x	US-PGPUB;	
		se.sub.1-x" or "Ag-Ge-Se" or (silver or	EPO; JPO;	
		ag) near6 chalcogenide)	DERWENT;	
			IBM_TDB	, ,
-	16042		USPAT;	2002/12/19 17:06
		(germanium adj selenide or "ge.sub.x	US-PGPUB;	
		se.sub.1-x" or "Ag-Ge-Se" or ((silver or	EPO; JPO;	
		ag) near6 chalcogenide))	DERWENT;	
	16042	man walntile add memory ti ab alm and	IBM_TDB	2002/12/19 17:07
_	10042	non-volatile adj memory.ti,ab.,clm. and (germanium adj selenide or "ge.sub.x	USPAT; US-PGPUB;	2002/12/13 1/:0/
		se.sub.1-x" or "Ag-Ge-Se" or (silver or	EPO; JPO;	
		ag) near6 chalcogenide)	DERWENT;	
			IBM TDB	
_	1	non-volatile adj memory.ti,ab,clm. and	USPAT;	2002/12/19 18:22
		(germanium adj selenide or "ge.sub.x	US-PGPUB;	
		se.sub.1-x" or "Ag-Ge-Se" or (silver or	EPO; JPO;	
		ag) near6 chalcogenide)	DERWENT;	
			IBM_TDB	
-	231	(dendrite or dendritic) near12 voltage or	USPAT;	2002/12/19 18:24
		electric adj field near12 chalcogenide adj	US-PGPUB;	
		glass	EPO; JPO;	
			DERWENT;	
_	157	   (dendrite or dendritic) near6 voltage or	IBM_TDB USPAT;	2002/12/19 18:24
-	15/	(dendrite or dendritic) near6 voltage or   electric adj field near6 chalcogenide adj	USPAT; US-PGPUB;	2002/12/19 10:24
		glass	EPO; JPO;	
		3	DERWENT;	
			IBM TDB	
-	0	(dendrite or dendritic) near6 (voltage or	USPAT;	2002/12/19 18:25
		electric adj field) near6 chalcogenide adj	US-PGPUB;	
		glass	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
_	0	(	USPAT;	2002/12/19 18:25
		electric adj field) near12 chalcogenide	US-PGPUB;	
		adj glass	EPO; JPO;	
			DERWENT; IBM TDB	
]	2	(dendrite or dendritic) near12 (voltage or	USPAT;	2002/12/19 18:33
1	3	electric adj field) and chalcogenide adj	US-PGPUB;	
		glass.ti,ab.	EPO; JPO;	
			DERWENT;	
[	ĺ		IBM TDB	
-	o	("t.sub.g" ot transition adj temperature)	USPAT;	2002/12/19 18:35
		near12 chalcogenide adj glass and	US-PGPUB;	
1		photodiffusion	EPO; JPO;	
			DERWENT;	
	_		IBM_TDB	0000/10/10 15 15
-	0		USPAT;	2002/12/19 18:36
		near12 chalcogenide adj glass and	US-PGPUB;	
		photodiffusion	EPO; JPO;	
			DERWENT; IBM TDB	
_	o	("t.sub.g" or temperature) near12	USPAT;	2002/12/19 18:36
j i		chalcogenide adj glass and photodiffusion	US-PGPUB;	2002/12/13 10.30
		July 2007 and but and but and but and but and and and and and and and and and and	EPO; JPO;	
			DERWENT;	
			IBM TDB	
				·

	50	1700	Lucasa	10000/10/10 10 41
-	50	("t.sub.g" or temperature) near12 chalcogenide adj glass	USPAT; US-PGPUB;	2002/12/19 18:41
		Charcogenide adj glass	EPO; JPO;	
1			DERWENT;	
			IBM TDB	
-	0	photodissolution near12 chalcogenide	USPAT;	2002/12/19 18:42
		near12 silver	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	3	photodissolution near12 silver	IBM_TDB USPAT;	2002/12/19 18:42
	1	photodissolution heariz silver	US-PGPUB;	2002/12/19 10:42
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
_	0	microelectronic adj programmable adj	USPAT;	2002/12/20 15:39
		device and processor	US-PGPUB;	
			EPO; JPO; DERWENT;	
			IBM TDB	
_	3	pcram and processor	USPAT;	2002/12/20 16:27
	1	Forum and Foruma	US-PGPUB;	2002, 12, 20 1012.
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	799	campbell.in. and memory	USPAT;	2002/12/20 16:27
			US-PGPUB; EPO; JPO;	
			DERWENT;	
	ŀ		IBM TDB	
-	7	PCRAM.ti,ab.	USPĀT;	2002/12/20 16:42
			US-PGPUB;	
	i		EPO; JPO;	
			DERWENT;	
ļ_	4867	(programmable adj2 device or PCRAM).ti,ab.	IBM_TDB USPAT;	2002/12/20 16:43
	4007	(programmable adjz device of rckAM).c1,ab.	US-PGPUB;	2002/12/20 10:43
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	214	(programmable adj memory adj device or	USPAT;	2002/12/20 16:44
		PCRAM).ti,ab.	US-PGPUB;	
1			EPO; JPO; DERWENT;	
1			IBM TDB	
-	0	(programmable adj memory adj device or	USPĀT;	2002/12/20 18:18
		PCRAM).ti,ab. and chalcogenide adj glass	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
1_		kristy in and samphall in	IBM_TDB	2002/12/20 10:10
-	1	kristy.in. and campbell.in. and chalcogenide	USPAT; US-PGPUB;	2002/12/20 18:19
		Chareogeniue	EPO; JPO;	
	1		DERWENT;	
			IBM TDB	
-	0	kristy.in. and campbell.in.	USPĀT;	2002/12/20 18:19
			US-PGPUB;	
			EPO; JPO;	
			DERWENT; IBM TDB	
_	1	campbell.in. and chalcogenide	USPAT;	2002/12/20 18:20
	1	land the transfer of the trans	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	_		IBM_TDB	
_	1	("ge.sub.x se.sub.1-x" or "ge.sub.y.	USPAT;	2002/12/20 18:28
		se.sub.1-y" or "ag-ge-se") and glass and (silver or ag) and memory	US-PGPUB; EPO; JPO;	
		(Silver or ag) and memory	DERWENT;	
			IBM TDB	

-	2	("ge.sub.x se.sub.1-x" or "ge.sub.y.	USPAT;	2002/12/20 18:52
		se.sub.1-y" or "ag-ge-se" or "ge.sub.3 se.sub.7") and glass and (silver or ag)	US-PGPUB;	
		and memory	EPO; JPO;	
		and memory	DERWENT; IBM TDB	
_	4	("ge.sub.x se.sub.1-x" or "ge.sub.y.	USPAT;	2002/12/20 18:57
	•	se.sub.1-y" or "ag-ge-se" or	US-PGPUB;	2002/12/20 18:5/
		"ge.sub."?"se.sub."?) and glass and	EPO; JPO;	
		(silver or ag) and memory	DERWENT;	
			IBM TDB	
-	2	("5761115").PN.	USPAT;	2002/12/20 20:47
			US-PGPUB;	
	{		EPO; JPO;	
			DERWENT;	
Į.			IBM_TDB	
-	27		USPAT;	2002/12/20 20:48
		oxide.ti,ab,clm.	US-PGPUB;	İ
Į			EPO; JPO;	
			DERWENT;	
_	0	chalcogenide adj glass near5	IBM_TDB USPAT;	2002/12/20 20:49
	ĺ	oxide.ti,ab,clm. and memory.ti,ab,clm.	US-PGPUB;	2002/12/20 20.49
		onider of all of and memory. Ci, all of cim.	EPO; JPO;	
			DERWENT;	
ŀ			IBM TDB	
-	0	chalcogenide adj glass near5	USPAT;	2002/12/20 20:49
		oxide.ti,ab,clm. and storage.ti,ab,clm.	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	1
-	692	'   -   '   '   '   '   '   '   '   '	USPAT;	2002/12/21 11:59
	1,1	(257/63) or (257/298)).CCLS.	US-PGPUB	
-	11	(((257/2) or (257/52) or (257/55) or	USPAT;	2002/12/21 12:00
		(257/63) or (257/298)).CCLS.) and chalcogenide adj glass and memory	US-PGPUB; EPO; JPO;	
		charcogenide adj glass and memory	DERWENT;	
			IBM TDB	
-	5	(((257/2) or (257/52) or (257/55) or	USPAT;	2002/12/21 12:01
		(257/63) or (257/298)).CCLS.) and	US-PGPUB;	
		chalcogenide adj glass and	EPO; JPO;	
		memory.ti,ab,clm.	DERWENT;	
			IBM_TDB	
-	95	(365/163).CCLS.	USPĀT;	2002/12/21 12:01
			US-PGPUB;	
]			EPO; JPO; DERWENT;	
			IBM TDB	
-	57	((365/163).CCLS.) and chalcogenide	USPAT:	2002/12/21 12:01
	J.	, , , = ==, , , , , , , , , , , , , , ,	US-PGPUB;	2002/12/21 12.01
			EPO; JPO;	i
			DERWENT;	
			IBM_TDB	
-	59	, , , , = = , , = = , = = , = = , = = , = = ,	USPAT;	2002/12/21 12:03
		(257/63) or (257/298)).CCLS.) and	US-PGPUB;	
		chalcogenide adj glass and	EPO; JPO;	
j j	ľ	memory.ti,ab,clm.) or (((365/163).CCLS.) and chalcogenide)	DERWENT;	
_	5	and chalcogenide) (((((257/2) or (257/52) or (257/55) or	IBM_TDB USPAT:	2002/12/21 12:04
	3	(((((257/2) of (257/32) of (257/33) of (257/63) or (257/298)).CCLS.) and	USPAT; US-PGPUB;	2002/12/21 12:04
		chalcogenide adj glass and	EPO; JPO;	
		memory.ti,ab,clm.) or (((365/163).CCLS.)	DERWENT;	
		and chalcogenide)) and silver	IBM TDB	
				<u> </u>

			<del>, </del>	
1-	31	(US-5596522-\$ or US-5341328-\$ or	USPAT;	2002/12/21 12:59
1		US-5166758-\$ or US-6487113-\$ or	US-PGPUB;	ĺ
l		US-6462984-\$ or US-5072423-\$ or	JPO;	
		US-5272667-\$ or US-5363329-\$ or	DERWENT	}
	}	US-5406509-\$ or US-5314772-\$ or		1
}	}	US-6487106-\$ or US-6469364-\$ or	)	
1		US-3721838-\$ or US-3810128-\$ or	]	
		US-3827033-\$ or US-6348365-\$ or	1	
1		US-6084796-\$ or US-5914893-\$ or	1	
		US-5896312-\$ or US-5479382-\$ or	1	
1		US-6418049-\$ or US-5761115-\$ or	1	
}		US-6388324-\$ or US-5500532-\$).did. or	1	1
}		(US-20020000666-\$ or US-20020190350-\$ or		Į
	į	US-20020168820-\$).did. or		
ļ		(JP-03044703-\$).did. or (US-5761115-\$ or	1	
1		US-6348365-\$ or EP-846353-\$).did.		
-	13	chalcogenide adj glass and	USPAT;	2003/11/23 11:29
]		"ge.sub."??"Se.sub."\$5	US-PGPUB;	
1			EPO; JPO;	
4	(		DERWENT;	
1			IBM TDB	